

In re Application of Wang et al.
Serial No. 09/895,429

In the Specification:

On page 23 of the applicants' specification, please replace the third paragraph with the following:

Using the stroke's segments, the discrete curvature of the points between segments is calculated at step 404 (e.g., by the curvature calculator 304). An example of how the discrete curvature may be calculated is shown in FIG. 5. The original ink curve 500 in the example has been separated into a number of segments 502₁, 502₂ (only two of the segments are shown in FIG. 5 for ease of example, but the number is preferably 64, as described above). Points 504₁, 504₂, and 504₃ are defined at the junctures of the segments.

On page 28 of the applicants' specification, please replace the second paragraph that continues on page 29 with the following:

In accordance with one aspect of the present invention, after trained, the stroke classification module 206 may be used to separate known text strokes from other strokes. FIG. 7 shows a general overview of a process for classifying strokes of a digital ink file as "text" or "unknown" (e.g., via the stroke classification module 206) in accordance with one aspect of the present invention. Beginning at step 700, a user generates digital ink using the digital ink generator 220. In general, as

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can be seen in FIG. 8, the original digital ink data may include a series of strokes 802 made by a user that represent a document 804 drawn by the user. FIG. 8 is a simplistic example, but gives some examples of some types of strokes that may be included in a document or digital ink file. For example, some of the strokes may, by themselves, represent text (e.g., the single stroke 802₁ is a continual stroke that represents the word "me"). Some strokes may be combined with other strokes to create text (e.g., the strokes 802₂–802₇ represent the word "the"). Still other strokes may represent shapes or drawings (e.g., strokes 802₈–802₁₂). Some of the drawing strokes may represent a shape by themselves (e.g., stroke 802₈ is a square drawn by a single stroke). Other drawings strokes may combine with other strokes to form a shape (e.g., strokes 802₉–802₁₀ are two line segments that generally represent a circle). If a touch-sensitive screen is utilized, additional digital ink information, such as calculated vector information, pressure, timing, strokes, angle of stylus, and the like, may be generated by the touch-sensitive screen or tablet, and may be included in the digital ink file. At step 702, the strokes 802 and additional digital ink information (if available) are transferred to the computer 202 via the connection 212 and are received by the digital ink receiver 204.